

1258-1257

12/21/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Arch Chemicals  
5660 New Northside Drive, Suite 1100  
Atlanta, GA 30328

DEC 21 2012

Attention: Nadiyah McCarroll  
Regulatory Specialist

Subject: Proxel BZ Preservative  
EPA Reg. No. 1258-1257  
Amendment Letter Dated August 22, 2012

The following amendment, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) and section 4(a) when the Agency requires all registrants of similar products to submit such data.

If the above conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the accepted labeling is enclosed. Submit three copies of your final printed labeling to the Agency before distributing or selling the product bearing the revised labeling.

If you have any questions concerning this letter, please contact Demson Fuller at (703) 308-8062.

Sincerely,

A handwritten signature in dark ink, appearing to read "M. Swindell", is written over the typed name.

Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch 1  
Antimicrobials Division (7510C)



## PROXEL® BZ PRESERVATIVE

### ACTIVE INGREDIENTS:

Zinc 2-pyridinethiol-1-oxide.....8%  
1,2-Benzisothiazolin-3-one..... 12%  
OTHER Ingredients.....80%  
Total.....100%

**KEEP OUT OF REACH OF CHILDREN**

## DANGER

SEE [SIDE] [BACK] [RIGHT] [LEFT] PANEL FOR FIRST AID AND PRECAUTIONS

Net Weight [Enter Net Weight].

### MANUFACTURED FOR/BY:

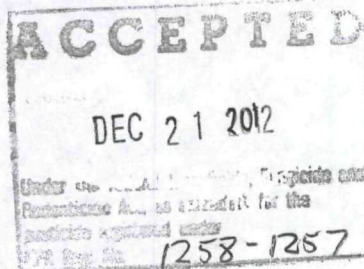
Arch Chemicals, Inc.  
5660 New Northside Drive, Suite 1100  
Atlanta, GA 30328

Made in China, formulated in the UK.

EPA Reg. No. 1258-1257

EPA Est. No. [Enter EPA Establishment number]

PROXEL® is a registered trademark of Arch UK Biocides, Ltd.



Note: Text in [Square Brackets] are notes to the label reviewer. Text in {Curly Brackets} is optional.

Proxel® BZ Preservative  
EPA Reg. No. 1258-1257  
Draft Label: 08-22-2012



**PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS:**

**DANGER:** Corrosive. Causes eye damage. Do not get in eyes, on skin or on clothing. Harmful if absorbed through the skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear long-sleeved shirt and long pants, socks, shoes, goggles, or face shield, and chemical-resistant gloves made of any waterproof material.

**User Safety Requirements:** Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

**User Recommendations:**

- User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

**FIRST AID:**

**If in Eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice.

**If on Skin or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.

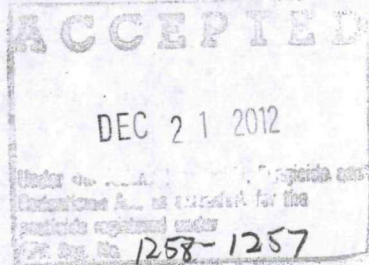
**If Swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be necessary. In case of emergency, for additional information call 1-800-654-6911.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, ponds, streams, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL AND CHEMICAL HAZARDS:** Keep away from strong oxidizers.





**STORAGE AND DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal.

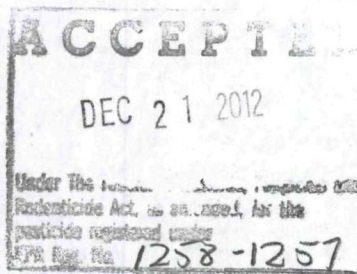
**PESTICIDE STORAGE:** Protect from frost. If frozen, allow to thaw and stir well before use.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

[For containers > 5 gallons or 50 pounds] Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times

[For containers < 5 gallons or 50 pounds] Triple rinse as follows: Empty remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.





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**DIRECTIONS FOR USE:** It is a violation of federal law to use this product in a manner inconsistent with its labeling.

This product is an effective preservative in most aqueous compositions. Typical applications, and the suggested range of concentrations on which trials can be based are:

**NON-FOOD CONTACT USES:**

**Latices:** Polymer latices based on acrylate, butadiene, PVA and styrene for various applications, add 0.025 - 0.20 % of this product (based on total weight of product).

**Paints and Stains:** For in-can preservation, add 0.01 - 0.15% of this product (based on total weight of product).

**Adhesives:** Carboxymethylcellulose (CMC) and derivatives, animal glues, adhesives based on gelatins and latex, add 0.25 - 0.30% of this product (based on total weight of product).

**Aqueous Mineral Slurries:**

- titanium dioxide, calcium carbonate, and clay slurries
- buffing compounds, waxes and putties, abrasive compounds, polishes (not for use in California)

Add 0.05 - 0.35% of this product (based on total weight of product).

**Tape joint compounds:** Wallboard, spackling and drywall joint products, add 0.05 - 0.25% of this product (based on weight of product).

**Pigment dispersions:** Add 0.1 - 0.4% of this product (based on weight of product).

**General Recommendations:** The concentration required to give protection depends on several factors. These include susceptibility of the system to microbiological degradation, the extent to which microorganism can gain access, the species involved, pH, temperature, and length of time for which protection is required. For protection against fungal attack, a concentration within the range of 0.025 - 0.4% of this product is almost invariably sufficient.

**\*INDIRECT FOOD CONTACT USES:**

**To Control Growth of Bacteria and Fungi In Adhesives Used For Food Packaging:**

For food packaging adhesives, at use temperatures up to 120°F, and subject to Good Manufacturing Practices, including the conditions specified in 21 CFR 175.105 (a) and (b), add a dosage to a maximum of 4000 ppm of this product (4.0 lb. of this product per 1000 lbs. of food packaging adhesive) at a point where thorough mixing will take place.

**To Control Growth of Bacteria and Fungi In Latex Emulsions or Aqueous Inorganic Slurries Used In the Manufacture of Food Contact Coated Paper:**

To control the growth of bacteria and fungi in aqueous paper coatings and paper coatings components including latex, starch solutions, and mineral or pigment slurries (clay, kaolin clay, calcium carbonate, or titanium dioxide) at a dosage not to exceed 4000 ppm of this product in the paper coatings components and not to exceed 1250 ppm of this product in the paper coating formulation. Add this product at any point in the paper coating process.

**Proxel® BZ Preservative product licensing and patent notice:** This product contains 1,2-Benzisothiazolin-3-one and zinc pyrithione and may be used in the preservation of industrial water based products against spoilage from bacteria, yeast and fungi in accordance with the label and processes, compositions and methods claimed in U.S. Patents 6,306,413 and European patent 0703726; and their other corresponding foreign patents. Purchase of this product from Arch Chemicals, Inc. gives the purchaser a nonexclusive license to use this product in the formulations claimed in the above-mentioned patents, and the royalty for this license is incorporated into the purchase price of the product.

\*Not for Use in California

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